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SEQUENCE LISTING

<110> ROEWKAMP, Walter  
ROSE-JOHN, Stefan

<120> CONJUGATE FOR MODIFYING INTERACTIONS BETWEEN PROTEINS

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<140> 09/142,471

<141> 1998-11-04

<150> PCT/DE97/00458

<151> 1997-03-07

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<151> 1996-03-07

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comprising two polypeptides with a mutual  
affinity.

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gcc act gtt cac tgg gtg ctc agg aag ccg gct gca ggc tcc cac ccc 246  
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 Ser Arg Trp Ala Gly Met Gly Arg Arg Leu Leu Leu Arg Ser Val Gln  
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ctc cac gac tct gga aac tat tca tgc tac cgg gcc ggc cgc cca gct 342  
 Leu His Asp Ser Gly Asn Tyr Ser Cys Tyr Arg Ala Gly Arg Pro Ala  
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tcc tgc ttc cgg aag agc ccc ctc agc aat gtt gtt tgt gag tgg ggt 438  
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Arg Trp Leu Ser Val Thr Trp Gln Asp Pro His Ser Trp Asn Ser Ser	
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His Asp Ala Trp Ser Gly Leu Arg His Val Val Gln Leu Arg Ala Gln	
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Glu Ser Ser Lys Glu Ala Leu Ala Glu Asn Asn Leu Asn Leu Pro Lys	
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gcc act gtt cac tgg gtg ctc agg aag ccg gct gca ggc tcc cac ccc 246
Ala Thr Val His Trp Val Leu Arg Lys Pro Ala Ala Gly Ser His Pro
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agc aga tgg gct ggc atg gga agg agg ctg ctg ctg agg tgc gtg cag 294
Ser Arg Trp Ala Gly Met Gly Arg Arg Leu Leu Leu Arg Ser Val Gln
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cct	gat	ccg	cct	gcc	aac	atc	aca	gtc	act	gcc	gtg	gcc	aga	aac	ccc	726	
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Phe	Tyr	Arg	Leu	Arg	Phe	Glu	Leu	Arg	Tyr	Arg	Ala	Glu	Arg	Ser	Lys		
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aca	ttc	aca	aca	tgg	atg	gtc	aag	gac	ctc	cag	cat	cac	tgt	gtc	atc	870	
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His	Asp	Ala	Trp	Ser	Gly	Leu	Arg	His	Val	Val	Gln	Leu	Arg	Ala	Gln		
				265					270					275			
gag	gag	ttc	ggg	caa	ggc	gag	tgg	agc	gag	tgg	agc	ccg	gag	gcc	atg	966	
Glu	Glu	Phe	Gly	Gln	Gly	Glu	Trp	Ser	Glu	Trp	Ser	Pro	Glu	Ala	Met		
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ggc	acg	cct	tgg	aca	gaa	tcc	agg	agt	cct	cca	gct	cga	gga	ggg	gga	1014	
Gly	Thr	Pro	Trp	Thr	Glu	Ser	Arg	Ser	Pro	Pro	Ala	Arg	Gly	Gly	Gly		
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ggg	tct	gga	ggg	gga	ggg	tct	gtc	gag	cca	gta	ccc	cca	gga	gaa	gat	1062	
Gly	Ser	Gly	Gly	Gly	Gly	Ser	Val	Glu	Pro	Val	Pro	Pro	Gly	Glu	Asp		
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tcc	aaa	gat	gta	gcc	gcc	cca	cac	aga	cag	cca	ctc	acc	tct	tca	gaa	1110	
Ser	Lys	Asp	Val	Ala	Ala	Pro	His	Arg	Gln	Pro	Leu	Thr	Ser	Ser	Glu		
	325				330					335					340		



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 Arg Lys Glu Thr Cys Asn Lys Ser Asn Met Cys Glu Ser Ser Lys Glu  
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gca ctg gca gaa aac aac ctg aac ctt cca aag atg gct gaa aaa gat 1254  
 Ala Leu Ala Glu Asn Asn Leu Asn Leu Pro Lys Met Ala Glu Lys Asp  
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gga tgc ttc caa tct gga ttc aat gag gag act tgc ctg gtg aaa atc 1302  
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atc act ggt ctt ttg gag ttt gag gta tac cta gag tac ctc cag aac 1350  
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aga ttt gag agt agt gag gaa caa gcc aga gct gtg cag atg agt aca 1398  
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aaa gtc ctg atc cag ttc ctg cag aaa aag gca aag aat cta gat gca 1446  
 Lys Val Leu Ile Gln Phe Leu Gln Lys Lys Ala Lys Asn Leu Asp Ala  
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ata acc acc cct gac cca acc aca aat gcc agc ctg ctg acg aag ctg 1494  
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cag gca cag aac cag tgg ctg cag gac atg aca act cat ctc att ctg 1542  
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comprising two polypeptides with a mutual affinity.

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Gly Val Leu Thr Ser Leu Pro Gly Asp Ser Val Thr Leu Thr Cys Pro  
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Gly Val Glu Pro Glu Asp Asn Ala Thr Val His Trp Val Leu Arg Lys  
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Pro Ala Ala Gly Ser His Pro Ser Arg Trp Ala Gly Met Gly Arg Arg  
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Leu Leu Leu Arg Ser Val Gln Leu His Asp Ser Gly Asn Tyr Ser Cys  
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Tyr Arg Ala Gly Arg Pro Ala Gly Thr Val His Leu Leu Val Asp Val  
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Pro Pro Glu Glu Pro Gln Leu Ser Cys Phe Arg Lys Ser Pro Leu Ser  
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Asn Val Val Cys Glu Trp Gly Pro Arg Ser Thr Pro Ser Leu Thr Thr  
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Lys Ala Val Leu Leu Val Arg Lys Phe Gln Asn Ser Pro Ala Glu Asp  
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Gln Leu Ala Val Pro Glu Gly Asp Ser Ser Phe Tyr Ile Val Ser Met  
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Cys Val Ala Ser Ser Val Gly Ser Lys Phe Ser Lys Thr Gln Thr Phe  
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Gln Gly Cys Gly Ile Leu Gln Pro Asp Pro Pro Ala Asn Ile Thr Val  
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 Pro Val Pro Pro Gly Glu Asp Ser Lys Asp Val Ala Ala Pro His Arg  
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 Met Cys Glu Ser Ser Lys Glu Ala Leu Ala Glu Asn Asn Leu Asn Leu  
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 Pro Lys Met Ala Glu Lys Asp Gly Cys Phe Gln Ser Gly Phe Asn Glu  
 385 390 395  
 Glu Thr Cys Leu Val Lys Ile Ile Thr Gly Leu Leu Glu Phe Glu Val  
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 Tyr Leu Glu Tyr Leu Gln Asn Arg Phe Glu Ser Ser Glu Glu Gln Ala  
 415 420 425  
 Arg Ala Val Gln Met Ser Thr Lys Val Leu Ile Gln Phe Leu Gln Lys  
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 Lys Ala Lys Asn Leu Asp Ala Ile Thr Thr Pro Asp Pro Thr Thr Asn  
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 Ala Ser Leu Leu Thr Lys Leu Gln Ala Gln Asn Gln Trp Leu Gln Asp  
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35 40 45

Ser Ser Glu Arg Ile Asp Lys Gln Ile Arg Tyr Ile Leu Asp Gly Ile  
50 55 60

Ser Ala Leu Arg Lys Glu Thr Cys Asn Lys Ser Asn Met Cys Glu Ser  
65 70 75 80

Ser Pro Glu Ala Leu Ala Glu Asn Asn Leu Asn Leu Pro Lys Met Ala  
85 90 95

Glu Lys Asp Gly Cys Phe Gln Ser Gly Phe Asn Glu Glu Thr Cys Leu  
100 105 110

Val Lys Ile Ile Thr Gly Leu Leu Glu Phe Glu Val Tyr Leu Glu Tyr  
115 120 125

Leu Gln Asn Arg Phe Glu Ser Ser Glu Glu Gln Ala Arg Ala Val Gln  
130 135 140

Met Ser Thr Lys Val Leu Ile Gln Phe Leu Gln Lys Lys Ala Lys Asn  
145 150 155 160

Leu Asp Ala Ile Thr Thr Pro Asp Pro Thr Thr Asn Ala Ser Leu Leu  
165 170 175

Thr Lys Leu Gln Ala Gln Asn Gln Trp Leu Glu Asp Met Pro Thr His  
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 tcgaggaggt ggaggttctg gaggtggagg ttctg 35

<210> 13  
 <211> 35  
 <212> DNA  
 <213> Sonstige Nucleinsaure

<400> 13  
 tcgacagAAC ctccacctcc agaacctcca cctcc 35

<210> 14  
 <211> 19  
 <212> PRT  
 <213> Unknown

<220>  
 <223> a signal peptide which is a conjugate comprising  
 one of two polypeptides with a mutual affinity

<400> 14  
 Met Leu Ala Val Gly Cys Ala Leu Leu Ala Ala Leu Leu Ala Ala Pro  
 1 5 10 15  
 Gly Ala Ala

<210> 15  
 <211> 18  
 <212> PRT  
 <213> Unknown

<220>  
 <223> a linker peptide which is a conjugate comprising  
 one of two polypeptides with a mutual affinity

&lt;400&gt; 15

Arg Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser  
1 5 10 15  
Val Glu

&lt;210&gt; 16

&lt;211&gt; 13

&lt;212&gt; PRT

&lt;213&gt; Unknown

&lt;220&gt;

<223> a linker peptide which is a conjugate comprising  
one of two polypeptides with a mutual affinity

&lt;400&gt; 16

Arg Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Val Glu  
1 5 10

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